

NAME/KEY: unsure
 OTHER INFORMATION: M=A OR C
 NAME/KEY: unsure
 LOCATION: (1104)
 OTHER INFORMATION: M=A OR C
 NAME/KEY: unsure
 LOCATION: (1105)
 OTHER INFORMATION: N=G OR A OR T OR C
 US-09-247-373B-33

Query Match 3.0%; Score 107.4; DB 4; Length 1117;
 Best Local Similarity 71.5%; Pred. NO. 4.1e-13; Mismatches 53; Indels 0; Gaps 0;
 Matches 138; Conservative 2; Mismatches 53; Indels 0; Gaps 0;

QY 3433 TCTTATGCCATTCTTCTTCAAACACTACTATGATATACAGTGCTGTTGAGCAT 3492
 Db 913 TTAGATGTCATATTCATCTCTATGAGTACTATTAATATTTATATGATGG 972

QY 3493 AATTAATAAATGCTGCTGAGCTAAGAGAAAGAAAAAAAGAAAAAAAGAAAAA 3552
 Db 973 CAAATAACATATTCAATTCTTAAAGAAAGAAAGAAAGAAAGAAAGAAA 1032

QY 3553 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 3612
 Db 1033 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 1092

QY 3613 AAAAAAAAGAAA 3625
 Db 1093 CAAAAAMAMAMA 1105

RESULT 9
 US-09-463-238-3
 Sequence 3, Application US/09463238
 ; Patent No. 6469230
 ; GENERAL INFORMATION:
 ; APPLICANT: Edwards, Elizabeth A
 ; APPLICANT: Smith, Alison M
 ; APPLICANT: Bustos, Guillen, Regla
 ; APPLICANT: Martin, Catherine R
 ; APPLICANT: Plant Bioscience Limited
 ; TITLE OF INVENTION: Starch Debranching Enzymes
 ; FILE REFERENCE: 97.118
 ; CURRENT APPLICATION NUMBER: US/09/463, 238
 ; PRIORITY FILING DATE: 1998-07-30
 ; PRIORITY APPLICATION NUMBER: PCT/GB98/02280
 ; PRIORITY APPLICATION NUMBER: GB 9716185.5
 ; PRIORITY FILING DATE: 1997-07-31
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 2634
 ; TYPE: DNA
 ; ORGANISM: Solanum tuberosum
 ; US-09-463-238-3

Query Match 2.9%; Score 106.8; DB 4; Length 2634;
 Best Local Similarity 87.3%; Pred. NO. 6.6e-13; Mismatches 17; Indels 0; Gaps 0;
 Matches 117; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 3492 TAATAATAAATGCTGCTGCTTGACAGTAAGAGAAAAAAAGAAAAAAAGAAA 3551
 Db 2497 TAATAAGATAACTGAGACCATGATCCAAAAAAAGAAAAAAAGAAAAAAAGAAA 2556

QY 3552 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 3611
 Db 2557 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 2616

QY 3612 AAAAAAAAGAAA 3625
 Db 2617 AAAAAAAAGAAA 2630

RESULT 10
 US-08-157-101A-4
 Sequence 4, Application US/08157101A
 ; Patent No. 580032
 ; GENERAL INFORMATION:
 ; APPLICANT: KURIHARA, TATSUO
 ; APPLICANT: MATSUKURA, SHIGEKAZU
 ; APPLICANT: TSURIOKA, NOBUO
 ; APPLICANT: NISHIWARA, TATSUO
 ; APPLICANT: ARIMA, KENJI
 ; TITLE OF INVENTION: ANTI-HBS ANTIBODY GENES AND EXPRESSION PLASMIDS THEREFOR
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: PILLSBURY, MADISON & SUTRO
 ; STREET: 1100 NEW YORK AVENUE, N.W.
 ; CITY: WASHINGTON
 ; STATE: D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20005
 ; COMPUTER READABLE FORM:
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/157.101A
 ; FILING DATE: 05-APR-1994
 ; CLASSIFICATION: 530
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: TITUS, MARLANA K
 ; REGISTRATION NUMBER: 35843
 ; REFERENCE/DOCKET NUMBER: 9437/204199
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-861-3711
 ; TELEFAX: 202-842-0944
 ; TELEX: 6714627 CUCH
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1066 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-157-101A-4

Query Match 2.9%; Score 106.6; DB 1;
 Best Local Similarity 86.1%; Pred. NO. 5.8e-13; Mismatches 19; Indels 0; Gaps 0;
 Matches 118; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

QY 3485 TGCAGCATATAATTAATGCTGCTGCTTGACAGTAAGAGAAAAAAAGAAA 3544
 Db 904 TGGAGGAGATGATATAACTGAGATCTTGCAAAAAAAAGAAAAAAAGAAA 963

QY 3545 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 3604
 Db 964 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 1023

QY 3605 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 3621
 Db 1024 AAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAAAAAAGAAA 1040

RESULT 11
 US-08-628-417-6
 Sequence 6, Application US/08628417
 ; Patent No. 5627054
 ; GENERAL INFORMATION:
 ; APPLICANT: GILLESPY, DAVID
 ; TITLE OF INVENTION: COMPETITOR PRIMER ASYMMETRIC POLYMERASE CHAIN REACTION

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: U.S. ARMY CHEMICAL AND BIOLOGICAL

ADDRESS: DEFENSE COMMAND

STREET: OFFICE OF THE CHIEF COUNSEL (AMSCB-GC)

CITY: ABERDEEN PROVING GROUND

STATE: MARYLAND

COUNTRY: USA

ZIP: 21010-5423

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

COMPUTER: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/363,708

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Biffoni, Ulysses J

REGISTRATION NUMBER: 39,908

REFERENCE/DOCKET NUMBER: DAM 398-94

TELECOMMUNICATION INFORMATION:

TELEPHONE: 410-671-1158

TELEFAX: 410-671-2534

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Oligodeoxynucleotide

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-628-417-6

Query Match 2.9%; Score 106.4; DB 1; Length 240; Best Local Similarity 68.9%; Pred. No. 4.4e-13; Matches 146; Conservative 0; Mismatches 66; Indels 0; Gaps 0;

Qy 3414 TATGGATAATGTCGGCTTATGCAATTCTTCTAAACTACTATGATA 3473

Db 1 TAGATGAAAGACATAAACTTTAGAATAATTCTACTAAAGAAAAA 60

Qy 3474 TACAGIGCTGTGAGCTTAATTAATTAATCTGCTGCTTGACAGTAAGAGAAAA 3533

Db 61 AAAAaaa 120

Qy 3534 AAAAaa 3593

Db 121 AAAAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa 180

Qy 3594 AAAAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa 3625

Db 181 AAAAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa 212

RESULT 12

US-09-363-708-3

Sequence 3, Application US/09363708

GENERAL INFORMATION:

APPLICANT: Schmandt, et al.

TITLE OF INVENTION: NOVEL SHC BINDING PROTEIN

NUMBER OF SEQUNCIERS: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 233 South Wacker Drive/6300 Sears Tower

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

COMPUTER: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/363,708

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Clough, David W

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 01017/34451

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 474-6300

TELEFAX: (312) 474-0448

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 2246 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

DESCRIPTION: /desc = "mouse PAL cDNA"

US-09-363-708-3

Query Match 2.9%; Score 106.4; DB 4; Length 2246; Best Local Similarity 87.9%; Pred. No. 7.6e-13; Matches 116; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

Qy 3494 ATTAATAAAATGTCGNGCTTGTGACAGTAAGAGAAAAA 3553

Db 2113 ATTATATAAGTGTACTTGACCAAA 2172

Qy 3554 AAAAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa 3613

Db 2173 AAAAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa 2232

Qy 3614 AAAAaaaaaaa 3625

Db 2233 AAAAaaaaaaa 2244

RESULT 13

US-09-801-052-1

Sequence 1, Application US/09801052

PATENT NO. 6368942

GENERAL INFORMATION:

APPLICANT: BEASLEY, Ellen

TITLE OF INVENTION: ISOLATED HUMAN PHOSPHOLIPASE PROTEINS, NUCLEAR ACID MOLECULES ENCODING HUMAN PHOSPHOLIPASE, PROTEINS, AND USES THEREOF

TITLE OF INVENTION: PROTEINS, AND USES THEREOF

FILE REFERENCE: CL001045

CURRENT APPLICATION NUMBER: US/09/801,052

CURRENT FILING DATE: 2001-03-08

NUMBER OF SEQ ID NOS: 5

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: 1872

TYPE: DNA

ORGANISM: Human

US-09-801-052-1

Query Match 2.9%; Score 106.2; DB 4; Length 1872; Best Local Similarity 89.8%; Pred. No. 8e-13; Matches 114; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Qy 3499 ATAAATAGTGTGCTTGACAGAAGAAAAA 3558

Db 174 ATATAATGTAATAACTTGCTGTA 1803

Qy 3559 AAAAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa 3618

Db 1804 AAAAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa 1863

NAME: OSMAN, RICHARD A
 REGISTRATION NUMBER: 36,627
 REFERENCE/DOCKET NUMBER: UTSD:1226
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 343-4341
 TELEFAX: (415) 343-4342
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2082 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-785-310A-2

Query Match 2.9%; Score 106.2; DB 4; Length 3275;
 Best Local Similarity 83.9%; Pred. No. 9.2e-13; Mismatches 23; Indels 0; Gaps 0;
 Matches 120; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

Query Match 2.9%; Score 106. DB 2; Length 2082;
 Best Local Similarity 91.8%; Pred. No. 9e-13; Mismatches 10; Indels 0; Gaps 0;
 Matches 112; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy 3483 TGTGAGCATATAATTAATAAATCCTGCGCTTGACAGTAANGAGAAAAAAA 3542
 Db 3100 TGTGAGCATATAATTAATAAATCCTGCGCTTGACAGTAANGAGAAAAAAA 3159

Qy 3543 AAAAAAAAAAAAAAA 3602
 Db 3160 AAAAAAAAAAAAAAA 3219

Qy 3603 AAAAAAAAAAAAAAA 3625
 Db 3220 AAAAAAAAAAAAAAA 3242

Qy 3624 AA 3625
 Db 2068 AA 2069

Search completed: May 15, 2003, 06:51:26
 Job time : 402 secs

RESULT 14
 US-09-370-838-151
 Sequence 151, Application US/09370838
 Patent No. 6444425
 GENERAL INFORMATION:
 APPLICANT: Reed, Steven G.
 APPLICANT: Lodes, Michael J.
 APPLICANT: Mohanath, Radoh
 APPLICANT: Secrist, Heather
 TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSTICS OF LUNG CANCER AND METHODS FOR THEIR USE
 FILE REFERENCE: 210:21.475C1
 CURRENT APPLICATION NUMBER: US/09/370, 838
 CURRENT FILING DATE: 1999-08-09
 EARLIER APPLICATION NUMBER: US 09/285, 323
 EARLIER FILING DATE: 1999-04-02
 NUMBER OF SEQ ID NOS: 289
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 151
 LENGTH: 3275
 TYPE: DNA
 ORGANISM: Homo sapien
 US-09-370-838-151

Query Match 2.9%; Score 106.2; DB 4; Length 3275;
 Best Local Similarity 83.9%; Pred. No. 9.2e-13; Mismatches 23; Indels 0; Gaps 0;
 Matches 120; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

Qy 3483 TGTGAGCATATAATTAATAAATCCTGCGCTTGACAGTAANGAGAAAAAAA 3542
 Db 3100 TGTGAGCATATAATTAATAAATCCTGCGCTTGACAGTAANGAGAAAAAAA 3159

Qy 3543 AAAAAAAAAAAAAAA 3602
 Db 3160 AAAAAAAAAAAAAAA 3219

Qy 3603 AAAAAAAAAAAAAAA 3625
 Db 3220 AAAAAAAAAAAAAAA 3242

RESULT 15
 US-08-785-310A-2
 Sequence 2, Application US/08785310A
 Patent No. 5840532
 GENERAL INFORMATION:
 APPLICANT: McKnight, Steven L.
 APPLICANT: Russell, David W.
 TITLE OF INVENTION: Neuronal PAS Domain Protein
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
 STREET: 208 BUSH STREET, SUITE 3200
 CITY: SAN FRANCISCO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94104
 COMPUTER READABLE FORM:
 COMPUTER TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/785, 310A
 FILING DATE: 21-JAN-1997
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:

